



Attorney Docket No. 0171968
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
VOLL, et al. : Group Art Unit: 2833
Serial No.: 10/670,403 : Examiner: Unknown
Filed: September 24, 2003 :
Title: Distance Extender & Method Making Use of Same :

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached hereto is a completed Form PTO-1449 listing patents, publications, applications, or other information. A copy of each such item that Applicant has been able to obtain is enclosed herewith. References for which no copy is submitted are believed to be properly listed hereon but have not been located even following diligent efforts to locate same. It is requested that the cited patents, publications, applications, or other information be made of record in the examination of this application. The filing of this information disclosure statement is not to be construed as an admission that the information cited in the statement is, or is considered to be, material to the patentability of the invention claimed in the above-identified application. No representation is made that a search has been performed.

This information disclosure statement is being filed (1) within three months of the filing date of a national application other than a continued prosecution application, (2) within three months of the date of entry of the national stage, (3) before the mailing of a first Office Action

Title: Distance Extender & Method of Making Use of Same

Serial No.: 10/670,403

Information Disclosure Statement

on the merits, or (4) before the mailing of a first Office Action after the filing of a request for continued examination. Accordingly, no fee is required. The commissioner is, however, authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 02-4467.

Respectfully submitted,

Dated: April 13, 2005

By: Kenneth A. Nelson
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CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. 1.10.

I hereby certify that this document (and any others referred to as being attached or enclosed) is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service, mailing label No. **ET225201834US** on **April 13, 2005** and addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Jeremy Rodriguez
Printed Name: Jeremy Rodriguez



Sheet 1 of 5

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 0171968	SERIAL NO. 10/670,403
	APPLICANT Voll, et al.	
	FILING DATE September 24, 2003	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,634,830	1/11/72	Baskin			
	3,774,158	11/20/73	Clark			
	4,078,249	3/7/78	Lelke, et al.			
	4,150,429	4/17/79	Ying			
	4,313,176	1/26/82	Cecil			
	4,710,917	12/1987	Tompkins, et al.			
	4,800,429	1/1989	Perkins			
	4,879,716	11/7/89	McNalley, et al.			
	4,941,087	7/10/90	Kap			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	EP 0 174 099 A2	3/1986	EP			YES	NO
	WO 87/00317	1/1987	PCT				
	WO 94/19749	9/1994	PCT				
	WO 95/01055	1/1995	PCT				

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	APEX PC Solutions Product Brochure, APEX PC Solutions, Redmond, Washington.
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	4,949,169	8/14/90	Lumelsky, et al.			
	5,043,866	8/27/91	Myre, Jr. et al.			
	5,121,486	6/9/92	Kurihara, et al.			
	5,222,212	6/22/93	Johary, et al.			
	5,230,066	7/20/93	Morimi			
	5,357,420	10/18/94	Gohi			
	5,448,697	9/5/95	Parks, et al.			
	5,486,868	1/23/96	Shyu, et al.			
	5,486,869	1/23/96	Cooper			
	5,502,499	3/26/96	Birch, et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	DeKerf, T and Davis, Gary, D., "The Keyboard/Video Switch White Paper: A Close Look at Modern Keyboard/Video Switching", Tron International Inc. and the Work-Center Corporation, 1995.
	Switchback™ User Guide, Apex PC Solutions, 1995©. (Copy not available.)
	"Sharp: Recording MD Player Due in Early '94", <i>HFD the Weekly Home Furnishings Newspaper</i> , July 1994.
	"Goldstar Unveils 5 Upgrade....", <i>HFD the Weekly Home Furnishings Newspaper</i> , vo. 68, No. 10, March 7, 1994.

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	5,519,874	5/21/96	Yamagishi, et al.			
	5,526,024	6/11/96	Gaglianella, et al.			
	5,604,509	2/18/97	Moore, et al.			
	5,617,547	4/1/97	Feeney, et al.			

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						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	"Electron Components: On Screen Display Ics", NEC Corporation, April 1994.
	"10comm ThinkSync II CM-2131T: Eye-Pleasing Trinitron CRT", <i>Windows Sources: The Magazine for Windows Experts</i> , vol. 1, No. 3, pp. 240-241, 244, April 1993.
	"Genlocking" Tech Note, S3 Incorporated, Sept. 1993.
	News Release "Maxi Switch, Inc. Introduces Industry's First Software Utility Permitting On-Screen Display of User-Progaied Keyboard Settings", Tucson, Arizona, Nov. 23, 1992.
	PR Newswire, "Sony Makes Bold Decision Statement with the Launch of the Trinitron XBR2 Line of Computer Televisions", New York, Oct. 15, 1992.
	"Panasonic's New Video Line Offers More Styling, User-Friendly Features", <i>HFD The Weekly Home Furnishings Newspaper</i> , July 1992.
	Reachout: Remote Control for Windows and DOS, Uer Guide Version 2.1, Ocean Isle Software, Revised July 2, 1992. (Copy not available.)
	"Lotus Brand Portable, Home TVs Bow", <i>HFD The Weekly Home Furnishings Newspaper</i> , vol. 64, No. 28, pp. 106 and 123, July 9, 1990.
	Gosch, J., "Solid-State Captions", <i>Electronics</i> , pp. 36-37, April 1990.
	Levine, J.A., "TV Makers Focus on Upscale Models", <i>HFD The Weekly Home Furnishings Newspaper</i> , Date unknown.

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		"MS Left Breathless by Jaunt through Eugene, OR, Video Countryside", <i>Consumer Electronics</i> , vol. 16, No. 4, April 1988.
		"Networking Software Master Net", Rose Electronics, 1988©.
		CES '87 Consumer Electronics Show: New Products, Jan. 5, 1987.
		"Panasonic VHS VCR Series Features Rounded Contours", HFD The Weekly Home Furnishings Newspaper, pp. 71 and 84, Jan. 5, 1987.
		Master Link: Communication Utility for the PC, Rose Electronics, 1987©. (Copy not available.)
		PR Newswire, "RCA Announces First Video Disc Player with Programmable Capability", Indianapolis, Aug. 12, 1983
		Buchsbaum, W., "RCA Model VGM 2023s 25" Color TV Receiver", <i>Computers & Electronics</i> , pp. 104, 106, 107, 109, Feb. 1983.
		8001/ KVM Users Guide, Apex PC Solutions, Date Unknown. (Copy not available.)
		Addendum I to User's Manual for MasterNet Version 2.00, Rose Electronics, Revision A. Date Unknown. (Copy not available.)
		Carrell, J.L. and Boyle, P.R., "ONline System Concentrator", <i>PC Magazine</i> , Date unknown.
		MasterNet Networking Software Product Bulletin, "Zero Slot Lan Software Users Sharing Device" and Instant Control of Your Peripherals. Rose Electronics. Date unknown.

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OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	Apex PC Solutions, "Apex/Desktop Concentrator" advertisement. Date unknown. (Copy not available.)
	Apex PC Solutions advertisement. Date unknown. (Copy not available.)
	Motorola Semiconductor Technical Data, "Advanced Monitor On-Screen Display CMOS", Rev. 2, Feb. 1997.
	General Instrument 2750R Satellite Receiver User's Guide 2700 Series, Publication No. 72089-1, Rev. C, April 1990.
	Nguyen, Huy, "Key-view unlocks server problems", <i>PC Week</i> , March 27, 1995, v12, pN20. (Copy not available.)
	Rigney, Steve, "J&L's server room in a box", <i>PC Magazine</i> , May 30, 1995, v. 14, no. 10, p.NE19.
	PCT International Search Report for PCT/US96/13772, International Filing Date 22 Aug. 1996. (Copy not available.)

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